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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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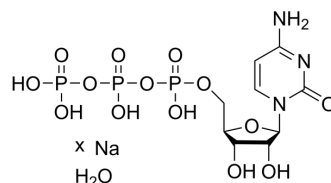
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Cytidine-5'-triphosphate sodium hydrate

Cat. No.:	HY-125818B
CAS No.:	123334-07-6
Molecular Formula:	C ₉ H ₁₈ N ₃ NaO ₁₅ P ₃
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cytidine-5'-triphosphate sodium hydrate (Cytidine triphosphate sodium hydrate; 5'-CTP sodium hydrate) is the sodium hydrate form of Cytidine-5'-triphosphate (HY-125818). Cytidine-5'-triphosphate sodium hydrate is a nucleoside triphosphate, that is involved in biosynthesis of DNA, RNA and lipid ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Exp Hematol Oncol. 2023 Jan 12;12(1):6.
- Anal Chim Acta. 18 October 2021, 339180.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Hatch GM, et al., Regulation of cardiolipin biosynthesis in H9c2 cardiac myoblasts by cytidine 5'-triphosphate. J Biol Chem. 1996 Oct 18;271(42):25810-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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